

[\[Abstract\]](#) [\[Summary\]](#) [\[Drawing Description\]](#) [\[Detailed Description\]](#) [\[Claims\]](#)

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# Miniscale ballistic motor testing method for rocket propellants

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## Abstract

A method for using a miniscale ballistic test motor for determining burn rates over an operating pressure range allows the testing of a small propellant sample. The small propellant sample allows performance of an abbreviated procedure for each test of the propellant sample involving loading of a small scale test motor with the sample, conditioning the test motor and sample therein, firing the propellant sample and recording data.